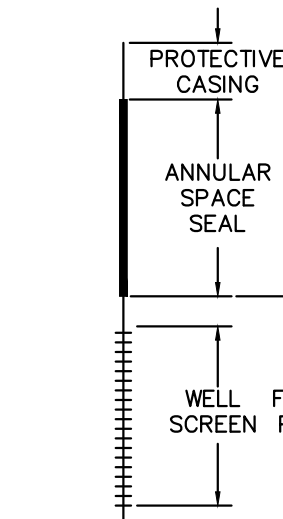




SYMBOLS AND TEST RESULTS	
LI	LIQUID LIMIT
PI	PLASTICITY INDEX
NP	NON-PLASTIC
OC	ORGANIC CONTENT (%)
MC	MOISTURE CONTENT (%)
Kv	LABORATORY VERTICAL HYDRAULIC CONDUCTIVITY (cm/sec)
Kf	FIELD HORIZONTAL HYDRAULIC CONDUCTIVITY (cm/sec)
Q/30/42/28	PERCENT GRAVEL, SAND, SILT, AND CLAY
Q/37/3	PERCENT GRAVEL, SAND, AND SILT PLUS CLAY
(20216)	GROUNDEWATER ELEVATION ON 4/4/11 (FEET ABOVE MEAN SEA LEVEL)
▼ . . . .	WATER TABLE (SEE NOTE 5)
— — — —	CONTACT BETWEEN MAJOR GEOLOGIC UNITS (DASHED WHERE INTERFERED)
— — — —	BEDROCK SURFACE (SEE NOTE 6)



GENERAL DESCRIPTION OF MAJOR GEOLOGIC UNITS:

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UNCONSOLIDATED DEPOSITS

ORGANIC SOILS

GENERALLY BLACK PEAT (PT), FIBROUS TO WEATHERED, WITH MINOR AMOUNTS OF ORGANIC SILT (SL) AND/OR CLAY (CW) DEPOSITED IN WELANDS.

GLACIOALLUVIAL SEDIMENTS

GENERALLY GRAY OR DARK GRAY SILT AND CLAY (CL, CL-M, ML), DEPOSITED IN A GLACIAL FLOW ENVIRONMENT INCLUDES DISCONTINUOUS LENSES OF GLACIOFLUVIAL SAND AND GRAVEL.

GLACIAL TILL

GENERALLY BROWN OR GRAY SILTY, SANDY DIAMICTON (SM, CM, ML) DEPOSED BY OR FROM GLACIAL ICE AS BASAL TILL, INCLUDES DISCONTINUOUS LENSES OF SILTY SAND AND SILTY CLAY UNITS MAY BE PRESENT, INCLUDING THE HORIZON MEMBER OF THE HOLLY HILL FORMATION AND AN OLDER TILL THAT IS DENSE AND GRAVER IN COLOR. THE LOWER TILL IN SOME LOCATIONS INCLUDES MORE WHEDED SAND BEDDING.

GLACIOFLUVIAL SEDIMENTS

GENERALLY GRAY SAND AND GRAVEL (SP-OM, SP-SM, SM, SW) DEPOSITED BY GLACIAL MELTWATER, INCLUDES DISCONTINUOUS LENSES OF SILTY/CLAY.

**BEDROCK**

SHALE = MAQUOKETA FORMATION

GRENSHIN GRAY SHALE WITH SILTY DOLOMITIC BEDS. CLAY COMPOSITION IS PRIMARILY ILLITE-CLAY LATE CROCODONIAN AGE.

DOLOMITE = SINNIPPE GROUP

WHITE TO LIGHT GRAY MASSIVE DOLOMITE AND SHALY DOLOMITE, WITH CERT. MIDDLE CROCODONIAN AGE.

